

2021 Mississippi River Basin Healthy Watersheds Initiative

Twin Creek MRBI Fact Sheet



Overview

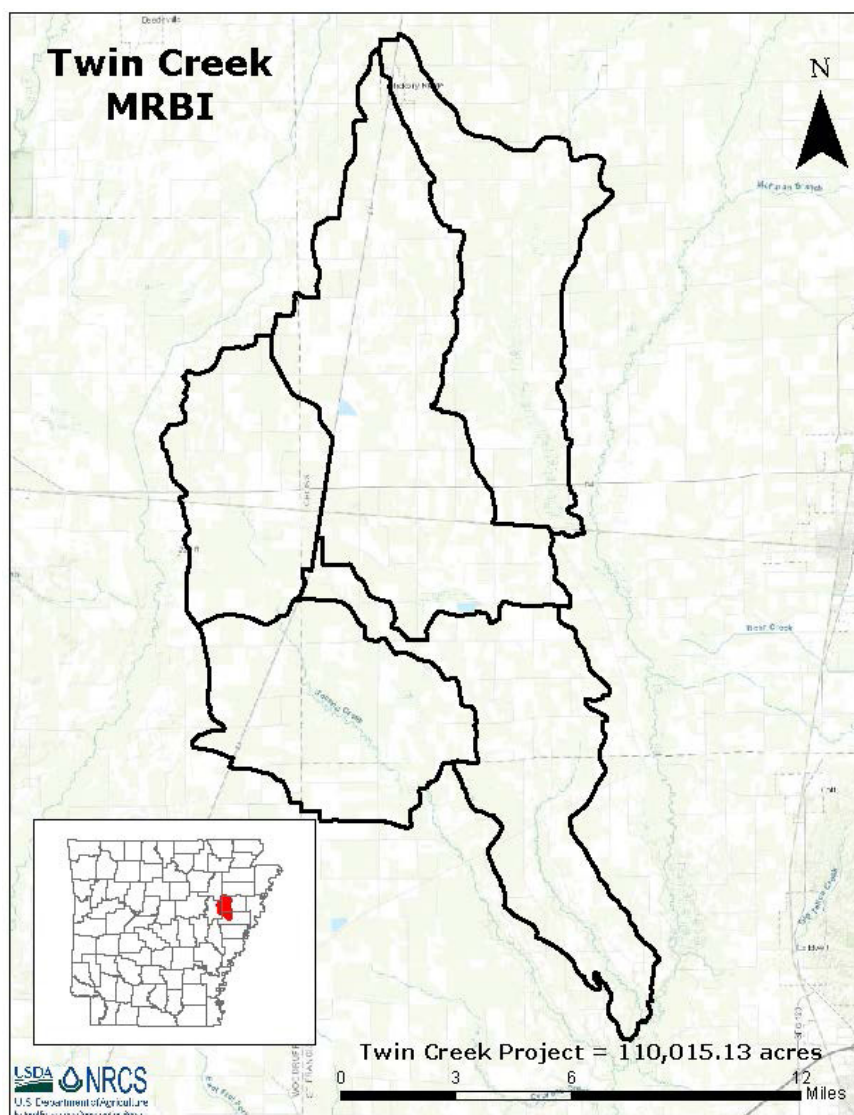
The Twin Creek Mississippi River Basin Healthy Watershed Initiative (MRBI) Project is a voluntary program that provides financial and technical assistance to agricultural producers for addressing water quality concerns in the following watersheds: Headwater First Creek, Lower Brushy Creek, Middle Second Creek, Outlet First Creek and Upper Second Creek. These watersheds lie in portions of Cross, St. Francis and Woodruff counties. The project area covers 110,015 acres.

Resource Concerns Addressed by the Project

- Water Quality Degradation—Excessive sediment in surface water, field sediment, nutrient and pathogen loss
- Water Quality Degradation—Excessive nutrient in surface water, field sediment, nutrient and pathogen loss, storage and handling

Conservation Practice Funding

The life of the project is from 2021 through 2024. Each year of the project, the USDA's Natural Resources Conservation Service (NRCS) will provide financial assistance through the Environmental Quality Incentive Program (EQIP) and Conservation Stewardship Program (CSP) for a system approach using approved conservation practices to address water quality resource concerns. Land and producer eligibility, adjusted gross income, and all other program criteria for participation must be met to participate in this initiative. Agricultural lands are eligible for enrollment in the initiative.



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Project Goals

- Treat 15% of priority field acres in the project area with conservation practices that avoid, control and trap sediment and nutrients.
- Increases water quality benefits through reducing sediment/ nutrient loading by 25% in the project area.
- Promote basic irrigation water management and associated supporting practices to achieve 10-25% water savings in the project “good to excellent” condition.

Approved Conservation Practices

- 328-Crop Rotation
- 340-Cover Crop
- 342-Critical Area Planting
- 345-Residue & Tillage Mgmt. Reduced Till
- 410-Grade Stabilization Structure
- 430-Irrigation Pipeline
- 436-Irrigation Reservoir
- 442-Sprinkler System
- 443-Irrigation System, Surface and Subsurface
- 447-Tailwater Recovery
- 449-Irrigation Water Management
- 464-Irrigation Land Leveling
- 484-Mulching
- 533-Pumping Plant
- 587-Structure for Water Control
- 590-Nutrient Management
- 595-Integrated Pest Management
- 607-Surface Drain, Field
- 608-Surface Drain, Main/Lateral
- 646-Shallow Water Development and Management

How to Apply for MRBI

NRCS and associated conservation partners will deliver this program collaboratively. Applications may be obtained and filed with NRCS at:

Cross County
Wynne FSC
810 Highway 64 East,
Suite 13
Wynne, AR 72396
(870) 238-3285, ext.3

St. Francis County
Forrest City FSC
4401 North Washington
Street, Suite A
Forrest City, AR 72335
(870) 633-3055, ext. 3

Woodruff County
Augusta FSC
1274 Highway 64 East
P.O. Box 519
Augusta, AR 72006
(870) 347-2593, ext. 3

If you need more information about MRBI, please contact one of the above offices or visit the NRCS Arkansas Web site at: www.ar.nrcs.usda.gov

Partners

- Cross County Conservation District
- Woodruff County Conservation District
- St. Francis County Conservation District
- University of Arkansas Extension
- Progeny
- Greenway Equipment
- Fidelity Bank
- Simplot
- Nutrien Ag.
- Hamlin Tractor/Auto
- County Line Irrigation
- Pop's Grill